Semestral Plan for Sec 4 Express Mathematics 2023

The document captures the curriculum and assessment plan for Sec 4 Express for the year.

1   Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 2	Secondary 3 Chapter 6 – Conditions of Congruence and Similarity
Term 1 Week 3 – 4	Secondary 3 Chapter 10 – Properties of Circles
Term 1 Week 5 – 6	Chapter 1: Set Language and Notation
Term 1 Week 7	Weighted Assessment 1
Term 1 Week 7– 9	Chapter 2: Data analysis (Measures of spread)
Term 1 Week 10	Wealth Week
13 March to 19 March	**March Holidays**
Term 2 Week 1 – 2	Chapter 3: Probability
Term 2 Week 3 – 4	Chapter 4: Matrices
Term 2 Week 5	Weighted Assessment 2 Timed Practice
Term 2 Week 5 – 7	Chapter 5: Vectors
Term 2 Week 8	Revision
Term 2 Week 9 –10	Intensive Mother Tongue Coaching Programme
29 May to 25 June	**June Holidays**
June Holidays Week 4	June Supplementary
Term 3 Week 1 – 8	Revision
Term 3 Week 9 – 10	Preliminary Examination
4 September to 9 September	**September Holidays**
Term 4 Week 1	Preliminary Examination
Term 4 Week 2 – 5	Revision
Term 4 Week 6	O Level Examination

2 Assessment Plan

Weighted Assessment (WA)1: 15%
Weighted Assessment (WA)2: 15%
*Timed Practice: 0%
Preliminary Exam: 70%

*Timed practice is to familiarise students with examination format and conditions and to provide teachers and students with feedback on students' overall learning.

Assessment Components	Tentative Date	Topics covered
Weighted Assessment 1	Term 1 Week 7	• Sec 3 – Chapter 6, 9 & 10 • Sec 4 – Chapter 1
Weighted Assessment 2	Term 2 Week 5	• Sec 1 to 4 topics
Timed Practice	Term 2 Week 5	• Sec 1 to 4 topics
Preliminary Exam	Term 3 Week 9 – Term 4 Week 10	• Sec 1 to 4 topics
GCE 'O' Level Exam	From Term 4 Week 7	• Sec 1 to 4 topics

Preliminary Exam Format

Paper	Weightage	Duration	Remarks
Paper 1	50%	2 hour 15 minutes	• All topics • 90 marks • There will be about 26 short answer questions • Candidates are required to answer all questions • Spaces will be provided in each question paper for working and answers.
Paper 2	50%	2 hours 15 minutes	• All topics • 90 marks • There will be about 9 to 10 questions of varying marks and lengths • The last question in this paper will focus specifically on applying mathematics to a real-world scenario. • Candidates are required to answer all questions • Spaces will be provided in each question paper for working and answers.

3   Absence from tests

(a) Medical certificates must be produced if student is absent for the test.

(b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.

(c) Absence from any test without a valid reason will result in zero mark for the test.

(d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact the respective mathematics teachers should further clarification be needed on this matter.

4E1:	Mrs Ling – Seet Soo Huay
4E2:	Mrs Lee – Tan Yue Yun
4E3:	Ms Joey Tan
4E4:	Mr Vincent Ho / Ms Cheryl Choo
4N (Exp Math):	Ms Joey Tan